



OMB No. 2010-0032  
Expiration Date 08/30/06

## **2005 Performance Track Annual Performance Report**

### **Fort Lewis, Public Works A100028**

**Year 1 Annual Performance Report  
Member Since 2005 (1st Member Term)**

SECTION A: GENERAL FACILITY INFORMATION

A.1 Name of your facility:

Fort Lewis, Public Works

A.2 Name of your parent company:

United States Army

A.3 Facility contact person for the Performance Track program:

**Name:** Mr. Ken Smith

**Title:** Chief Environmental Operations Branch, Environmental & Natural Resources Division

**Phone:** 253-966-3275

**Fax:** 253-967-9937

**Email:** ken.smith1@us.army.mil

A.4 Facility location:

**Street Address:** Headquarters, I Corps & Fort Lewis

**Address Cont:**

**City:** Fort Lewis

**State:** WA

**Zip Code:** 98433

Mailing address (if different from above):

**Mailing Address:** IMNW-LEW-PWE, MS-17

**Address Cont:** PO Box 339500

**City:** Fort Lewis

**State:** WA

**Zip Code:** 98433-9500

**If your facility has multiple street addresses,  
please list any other addresses for its sites or buildings.**

**A.5 Facility's website address (if any):**

<http://www.lewis.army.mil>

**A.6 Number of employees (full-time equivalents) who currently work in the facility:**

More than 1,000

**A.7 North American Industrial Classification System (NAICS) Code(s) that is(are) used to classify business at the facility:**

928110

**A.8 In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities?**

No

**If yes, please list them here:**

**A.9 Have the environmental requirements applicable to your facility changed during this reporting period?**

Yes

**If yes, please describe these changes here:**

Fort Lewis is no longer a "Clean Air Act Major Source", but rather now a "Clean Air Act Synthetic Minor Source". Fort Lewis no longer has a Title V Air Operating Permit. The Synthetic Minor Source has fewer compliance and reporting requirements, but more stringent emissions limitations to maintain Synthetic Minor status.

**A.10 Is your facility extending its hazardous waste storage times under the "Performance Track Hazardous Waste Accumulation Rule" in accordance with 40 CFR 262.34?**

No

## Section B: ENVIRONMENTAL MANAGEMENT SYSTEM

**B.1.a When was an EMS assessment last conducted by an independent party at your facility?**

2005

**If an assessment was conducted during 2005, please provide the type (e.g., ISO 14001 certification), the scope, and the month(s) of each assessment.**

Type	Scope	Dates
ISO 14001 Continuous Assessment	The audit was conducted by Underwriters Laboratories, Inc. The scope of the audit included review of general EMS elements including: Environmental Policy, Objectives & Targets, Non-Conformance, Corrective and Preventive Action, Internal Audits, Competence Training & Awareness, Communication, Records, Control of Documents, Continual Improvement, Interested Parties, Management Review. Three processes--Residential Community Office, Fire and Emergency Services, and Planning--received specific program review of Environmental Aspects and Impacts, Training, Document Control, Measurement and Monitoring.	May 2005
ISO 14001 Triennial Assessment	The audit was conducted by Underwriters Laboratories, Inc. The scope of the audit included all EMS elements of ISO 14001, including assessments of all specific processes. As a result, the EMS was upgraded to the ISO 14001:2004 Standard and issued a Certificate renewal for another 3-year period.	November 2005

**B.1.b When was an internal EMS assessment last conducted at your facility?**

2005

**If an assessment was conducted during 2005, please provide the scope and month(s) of each assessment.**

Scope	Dates
Seventeen different Public Works areas were audited by a team of 10 PW internal auditors, both experienced and new. The objective of the audit was to assess conformance of the selected activities to the ISO 14001 Standard for the pertinent EMS elements. The auditors conducted interviews with supervisors and employees at their workplace. Auditors created Preventive and Corrective Action Requests (PCAR) for Public Works management to track findings.	February 2005

**B.1.c When was an internal or corporate compliance audit last conducted at your facility?**

2005

**If an audit was conducted during 2005, please provide the scope and the month(s) of each audit, and indicate who conducted the audit(s) (e.g., facility staff, corporate groups, third party). (Don't include audits, inspections, or site visits by regulatory or external organizations).**

Scope	Dates	Who conducted the audit

Environmental compliance inspections are conducted year-round. Fort Lewis consists of 500+ hazardous waste generating sites. All sites are small quantity (SQG); however, as the post is considered one entity and has a single EPA/State ID number, the entire area is considered LQG. The many sites consist of active military units, reserve military units, units from other services like the Navy, Air Force and Marines and the Washington State National Guard. There are also many host Dept. of Defense civilian force operated entities, contractors, and civilian operated contract retail sites. All sites that have a potential for generation and accumulation of hazardous wastes are inspected a minimum of once each fiscal year by the Environmental Compliance Inspection Team (ECIT) from Public Works, Environmental and Natural Resources Division, Compliance Branch. Each site inspection utilizes a series of four checklists that evaluate program management, hazardous material management, hazardous waste management, and motor pool/unit specific operations. The ECIT tracks compliance at each location through a database. Each unit inspected supplies the ECIT with documentation that any deficiencies have been corrected.	December 2005	A full-time group of internal contractors for Public Works (Environmental Compliance Inspection Team)
--	---------------	---

**B.1.d (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.**

None

**B.1.e Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audits.**

For the external and internal EMS assessments for Public Works, 12 Preventative and Corrective Action Requests (PCARS) were submitted. Of those, 10 have been closed and verified. Improvements resulting from the EMS include: 1. Increased awareness of water conservation issues for Public Works water consumers, 2. Updates to and better control of Training records for Public Works, 3. Updates to EMS Tier Documents including updating the Public Works Environmental Policy to more closely conform to the ISO 14001 standard to which we are certified, 4. Better consistency in communicating our EMS to contractors by including information in all contract language, and 5. Increased accountability of equipment by ensuring that equipment needing calibration is included in the Maximo preventative maintenance program. For the environmental audits, each audit is recorded in the database by the ECIT and a memorandum of compliance status supplied to each commander (military units) and supervisor (civilian operations and contractors). This document must be endorsed by the commander or supervisor and returned to the ECIT within 15 working days. (Extensions are authorized for units that are deployed, on temporary duty outside the Ft. Lewis area and in the field for maneuvers). Continual training is provided by Public Works for all personnel operating on Fort Lewis.

**B.1.f Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?**

No

**If no, please explain your plans to correct these instances.**

The Public Works EMS has two outstanding PCARs for corrective action currently in the process of being completed. One PCAR is related to the requirements for calibration of some monitoring equipment to be more fully defined and recorded; the corrective action is to work with our database system administrators to ensure this equipment is loaded, so that Preventive Maintenance requests will be generated at the appropriate intervals to ensure calibration of said equipment. It is expected that this information will be fully loaded into the database by June 30, 2006. In addition, calibration certificates will be generated and placed on equipment at the time of PM servicing. The second PCAR is related to consolidation of training records. A division training officer was appointed who will collect all training records and place into a central repository. Quarterly, this training file will be compared to training needs for reconciliation and annually, employees (along with their supervisors) will review required Individual Development Plans. This plan is now in effect for all government employees. This PCAR remains open until a contracted group determines the feasibility of consolidating training for their employees at Public Works. There are no outstanding actions requiring correction from the environmental

compliance audits.

**B.1.g When was the last Senior Management review of your EMS completed?**

June 05

**Who was the senior manager present at the review?**

**Name:** Mr. Steven T. Perrenot, PE

**Title:** Director of Public Works

**B.2.a ISO 14001 Certification. Is your facility currently certified to ISO 14001?**

Yes

**B.2.b Is your facility a Responsible Care-certified facility?**

No

**B.3 Environmental Aspects Identification. When did your facility last conduct a systematic identification and/or review of your environmental aspects?**

June 05

---

## **SECTION C: ENVIRONMENTAL PERFORMANCE RESULTS**

### **C.1 COMMITMENT 1**

**Fort Lewis, Public Works's first commitment is to reduce the facility's VOC emissions.**

**C.1.a Briefly describe your activities and achievements related to this commitment or, if relevant, any circumstances that delayed progress this year.**

The Fort Lewis Normalized VOC Emissions decreased this year; however, actual VOC Emissions increased, due in part to an large increase in the stationary source surface coatings category--primarily from paint booths for tactical equipment and aerospace equipment maintenance. (Note: Stationary source emissions are not aggregated until June 30 each year; data for the table below will be submitted as soon as available. Baseline data and commitment values were changed due to the timeline for data availability.) The Air Quality Team's aggressive and innovative initiatives in 2005 will provide major benefits in future years:

1. In July 2005, the Puget Sound Clean Air Agency approved a General Regulatory Order which allows Fort Lewis to manage air emissions as a synthetic minor rather than a major source of air emissions. This gives Fort Lewis the flexibility to resolve issues internally and streamline documentation; the installation is still required to limit emissions and monitor and maintain emissions data, which is subject to inspection by the PSCAA.
2. Switching to the use of paint containing Low Volatile Organic Compounds, Chemical Agent Resistant Coatings contributed to a significant decrease in air emissions.
3. Purchased five new Neighborhood Electric Vehicles of different makes/models than before--bringing the installation total to 24. Increased percentage of alternate fuel/dual fuel vehicles in the on-installation GSA fleet to 35%.
4. Conducted education campaign which helped to increase CNG usage from about 25 vehicles a month

to over 100 vehicles a month.

5. Opened an E85 fuel station at the Logistics Center in March 2005.

6. Increased the post rideshare program to 19 vans and 190 participants; demand has exceeded the supply of vans from local transit agencies.

7. Nine boilers have been retrofitted to use #2 backup fuel oil rather than the more polluting #4 and #6 oils; another boiler is being retrofitted to use propane as a backup fuel rather than #4 fuel oil.

8. Worked through existing systems/processes to establish a culture within Fort Lewis Public Works that considers both environmental and financial impacts and the lifecycle costs for all new project designs.

**C.1.b Please report your facility's actual performance.**

Performance Data						
Calendar Year	Baseline	Year 1	Year 2	Year 3	Performance Commitment	Units
Actual Quantity (per year)	90,440	0			n/a	Pounds

**C.1.c Normalized progress toward goal.**

Normalized Total	Baseline	Year 1	Year 2	Year 3	Performance Commitment	Units
Normalizing Factor	1.0	1.39				
Normalized Quantity	90,440	0.00			68,000	Pounds
Basis for your Normalizing Factor:	Operations Tempo, or OPTEMPO (the rate of military actions or missions) is calculated by the Fort Lewis Pollution Prevention Program by a weighted average of the measured increase or decrease in 1. Troop Strength 2. Municipal (Public Works) Service Orders 3. Industrial Work Orders 4. Aviation Work Orders 5. Firing Range Activity.					

**C.1.d Please list any other EPA voluntary programs to which you are reporting these data.**

None

---

## C.2 COMMITMENT 2

Fort Lewis, Public Works's second commitment is to reduce the facility's total (non-transportation) energy use and to invest in renewable energy sources.

**C.2.a Briefly describe your activities and achievements related to this commitment or, if relevant, any circumstances that delayed progress this year.**

The Fort Lewis Public Works reduced overall energy use during 2005, resulting from prior year projects,

even though there was no Energy Program Manager for the most of the year. With the new Program Manager coming on board in December 2005, the Energy Program has, once again, energized into a proactive program pursuing excellence. This will be evident in projects occurring during 2006, as most energy related projects take a minimum of one year from consideration to completion. Some of the projects being pursued in 2006 are:

**A. RENEWABLE ENERGY GENERATION:**

1. Landfill Gas: A retired landfill has 173 SCF gas flow per an EPA assessment. Fort Lewis intends to harness this renewable potential, which has the capability to produce 7482 MMBTU annually. This equates to a reduction of 0.4% of the installation's annual electrical usage.
2. Hydropower: The Solo Point Waste Water Treatment Plant has a 36 inch effluent pipe with a 5.1 cubic ft/sec flow rate dropping water 220 feet to the Puget Sound. Fort Lewis plans to harness this renewable potential energy, with the ability to produce 2,277 MMBTU annually. This equates to a reduction of 0.1% of the installation's annual electrical usage.

**B. ENERGY EFFICIENCY:**

1. Directorate of Logistics Warehouses: Many large warehouses (several over ¼ million sq ft) have multiple energy savings opportunities, including lighting, motion sensors, temperature control systems, etc.
2. Waller Hall: The base's primary administration facility for soldier management has huge energy savings potential, including lighting, temperature control, AC units, etc.
3. Boiler Upgrades: High efficiency condensing boilers are being installed in all new construction being conducted at Fort Lewis. Additionally, utility rebates are being pursued to gain further benefit from the new construction. Old boilers are also being considered for replacement, using the utility's monetary incentives to make these projects feasible.

**C.2.b Please report your facility's actual performance.**

Energy Generated Off-Site					
	Baseline	Year 1	Year 2	Year 3	
Calendar Year	2004	2005	2006	2007	Units
<b>Electricity Purchased</b>					
Electricity from Grid/Utility	775,990	658,784			MMBtus
Electricity from Off-Grid Renewable Sources					
<b>Total Electricity Purchased</b>	775,990.00	658,784.00			MMBtus
<p><b>If your facility purchases electricity from the grid, please confirm that the electricity geographic region shown below is correct. If incorrect, please contact the Performance Track Information Center.</b></p> <p>WECC Pacific Northwest</p>					
<p><b>Steam</b></p> <p><i>EPA will be determining the greenhouse gases associated with the generation of the steam that you purchase. We will be contacting you for additional information regarding the source of the steam generated.</i></p>					
<b>Total Energy Generated Off-Site</b>	775,990.00	658,784.00			MMBtus

Sources of Energy Generated On-Site				
	Baseline	Year 1	Year 2	Year 3



Calendar Year	2004	2005	2006	2007	Units
Coal					
Natural Gas	987,768	850,703			MMBtus
Crude Oil					
Fuel Oil	149,499	173,320			MMBtus
Diesel					
Propane/LPG					
Gasoline					
Hydrogen Powered Fuel Cells					
Natural Gas/Methane Powered Fuel Cells	0	0			
Biomass					
Solar	0	0			MMBtus
Wind					
Landfill Gas					
Geothermal					
Hydroelectric					
Tire Derived Fuel					
Other Fuel or Source Specify:					
Total Energy Generated On-Site	1,137,267.00	1,024,023.00			MMBtus

**C.2.c Total energy use and associated greenhouse gas emissions.**

Actual Energy Use Total	Baseline	Year 1	Year 2	Year 3	Performance Commitment	Units
Total Renewable Energy Use	437,347.96	371,290.66			n/a	MMBtus
Total Non-Renewable Energy Use	1,475,909.04	1,311,516.34			n/a	MMBtus
Total Energy Use	1,913,257.00	1,682,807.00			n/a	MMBtus
Metric Tons of CO <sub>2</sub> Equivalents	132,637.10	116,734.36			n/a	MTCO <sub>2</sub> E
Metric Tons of CO <sub>2</sub> Equivalents Offset due to Investments in Green Energy, e.g. green tags	1,068	1,068			4,274	MTCO <sub>2</sub> E
Net Metric Tons of CO <sub>2</sub> Equivalents	131,569.10	115,666.36			n/a	MTCO <sub>2</sub> E

Normalized Energy					Performance	
-------------------	--	--	--	--	-------------	--

Use Total	Baseline	Year 1	Year 2	Year 3	Commitment	Units
Normalizing Factor	1.0	1.03				
Total Energy Use	1,913,257.00	1,633,793.20			1,884,000.20	MMBtus
Net Metric Tons of CO <sub>2</sub> Equivalents	131,569.10	112,297.44			126,325.62	MTCO <sub>2</sub> E
Basis for your Normalizing Factor:	The normalizing basis for energy use at Fort Lewis will be troop strength					

**C.2.d Please list any other EPA voluntary programs to which you are reporting these data.**

None

## C.3 COMMITMENT 3

**Fort Lewis, Public Works's third commitment is to increase the facility's land and habitat conservation.**

**C.3.a Briefly describe your activities and achievements related to this commitment or, if relevant, any circumstances that delayed progress this year.**

In 2005, approximately 1,900 acres of Scot's broom were controlled to enhance training lands and habitat for rare butterflies, streaked horned lark, Mazama pocket gopher, and western gray squirrel habitat. Encroaching Douglas-fir was removed or girdled on 100 acres of prairie. Prairies were enhanced by planting 77,600 native prairie plants targeted for viable training lands and rare species. Over 2,000 native shrub and tree species were planted throughout Fort Lewis to enhance riparian areas, western gray squirrel habitat, and to compete with invasive species. In support of the Installation Sustainability Program, 6.9 miles of road were decommissioned and plantings were strategically placed to develop into barriers. Eleven types of invasive species were controlled throughout the Fort at over 600 locations.

**C.3.b Please report your facility's actual performance.**

Performance Data						
Calendar Year	Baseline	Year 1	Year 2	Year 3	Performance Commitment	Units
Actual Quantity (per year)	750	2,650			1,500	acres

**C.3.c Normalized progress toward goal.**

Normalization is not applicable for this commitment

**C.3.d Please list any other EPA voluntary programs to which you are reporting these data.**

None

## C.4 COMMITMENT 4

Fort Lewis, Public Works's fourth commitment is to reduce the generation of, and improve the management of, the facility's non-hazardous waste.

**C.4.a** Briefly describe your activities and achievements related to this commitment or, if relevant, any circumstances that delayed progress this year.

During 2005, on-site recycling increased with new programs focusing on crushed waste concrete (5,062 tons) and asphalt (4,076 tons) into an aggregate product and composted organic waste (1,111 tons) at the new Eco-Park, expanded recycling center, resulting in 10,249 tons waste recycled for reuse on site. Although the overall quantity of material sent off-site increased, the increase was due to expanded recycling, increased population, and increased OPTEMPO; the quantity of waste sent off-site for landfill disposal decreased. (Note: The normalizing factor for this commitment is changed to be the OPTEMPO rather than simply Troop Strength. OPTEMPO considers 5 factors (including Troop Strength) that all contribute to non-hazardous waste, and therefore more closely reflects the activity level.)

Fort Lewis Public Works conducted the following activities to reduce the waste stream to be landfilled and increase on-site and off-site recycling and reuse:

1. Hosted tours of the Sustainable Interiors Showroom, a sustainable product demonstration using flooring materials, office furniture, paint, and lighting from GSA vendors in the Hazardous Materials Control Center administrative area.
2. Hosted an Alternatives to Demolition workshop for contractors, sub-contractors, and material reuse sources in effort to improve diversion rates of materials in future Fort Lewis facility removal actions.
3. Successfully completed the composting/bioremediation demonstration project in August.
4. Participated in the National America Recycles 2005 campaign hosting a Fort Lewis Recycles Fair, tours of the Sequelitchew Creek Eco-Park and Earthworks, tours of the Sustainable Interiors Showroom, and a pledge card drive.
5. Established new procedures to facilitate unit participation in aluminum can recycling programs. Units delivering aluminum cans to the Fort Lewis Recycle center earn revenue for their unit funds.
6. Conducted a public awareness campaign to prevent illegal dumping including media coverage of the clean-up at illegal dumpsites, articles in local and regional newspapers, notices in post-wide media resources, and briefings at local community meetings.

**C.4.b** Please report your facility's actual performance.

Performance Data					
Waste Management Method	Baseline	Year 1	Year 2	Year 3	Units
	2004	2005	2006	2007	
Reused/recycled off-site	2,758	5,571			Tons
Landfill	14,845	13,674			Tons

**C.4.c** Summarized progress toward goal.

Actual Total	Baseline	Year 1	Year 2	Year 3	Performance Commitment	Units

Total Non Hazardous Waste	17,603.00	19,245.00	n/a	Tons
---------------------------	-----------	-----------	-----	------

Normalized Total	Baseline	Year 1	Year 2	Year 3	Performance Commitment	Units
Normalizing Factor	1.0	1.39				
Total Non Hazardous Waste	17,603.00	13,845.32			17,600.00	Tons
<b>Basis for your Normalizing Factor:</b>	"Operations tempo, or OPTEMPO (the rate of military actions or missions) is calculated by the Fort Lewis Pollution Prevention Program by a weighted average of the measured increase or decrease in 1. Troop Strength, 2. Municipal (Public Works) Service Orders, 3. Industrial Work Orders, 4. Aviation Work Orders, and 5. Firing Range Activity."					

**C.4.d Please list any other EPA voluntary programs to which you are reporting these data.**

None

## C.5 COMMITMENT 5

**Fort Lewis, Public Works's fifth commitment is to reduce the generation of, and improve the management of, the facility's hazardous waste, specifically parts washer waste solvent.**

**C.5.a Briefly describe your activities and achievements related to this commitment or, if relevant, any circumstances that delayed progress this year.**

Fort Lewis has had an increase in parts washer solvent disposal due not only to increased throughput of vehicles and vehicle maintenance requirements, but very specifically to the installation's designation as the Army's Stryker Center. The Stryker vehicle is the Army's new medium weight tactical vehicle that is in the process of being fielded at Fort Lewis and in numerous other locations. As the Stryker Center, all vehicles come to this installation for initial modifications and final preparations prior to transport to their final destinations. Fort Lewis also serves as the maintenance refit center for all vehicles that until recently were serving in Iraq. This has very definitely increased the maintenance footprint with the large influx of vehicles passing through the installation. In addition, the Stryker has been manufactured to be more sustainable, more environmentally-friendly, and so it carries a reusable oil filter. This filter must be cleaned periodically and that is accomplished in a parts washer solvent tank. Soldiers have been instructed to allow the oil filters to completely drain before beginning the cleaning process to minimize the amount of oil and sludge transferred to the solvent. But the draining procedure can be time-consuming and Soldiers may not wait sufficient time to let the oil drain from the filter. The solvent tanks have been increasingly contaminated with motor oil which not only dramatically reduces their cleaning efficiency, but eliminates the potential for filtering and reusing the solvent. Identification of the root cause of the increase in contaminated solvent has been taken, the second step was to educate Soldiers and mechanics; Public Works continues to inform and emphasize the importance of the correct procedures. Plans to purchase a solvent still to reclaim the spent solvent on-site have changed. Further research determined that this equipment and its on-going operation would not be cost effective in light of labor costs and infrastructure requirements.

**C.5.b Please report your facility's actual performance.**

Performance Data					
Waste Management Method	Baseline	Year 1	Year 2	Year 3	Units
	2004	2005	2006	2007	
Other management <b>Specify other:</b> Fuel blending for energy recovery	1,671	3,787			Pounds

**C.5.c Summarized progress toward goal.**

Actual Total	Baseline	Year 1	Year 2	Year 3	Performance Commitment	Units
Total Hazardous Waste	0.84	1.89			n/a	Tons

Normalized Total	Baseline	Year 1	Year 2	Year 3	Performance Commitment	Units
Normalizing Factor	1.0	1.39				
Total Hazardous Waste	0.84	1.36			0.15	Tons
<b>Basis for your Normalizing Factor:</b>	Operations Tempo, or OPTEMPO (the rate of military actions or missions) is calculated by the Fort Lewis Pollution Prevention Program by a weighted average of the measured increase or decrease in 1. Troop Strength 2. Municipal (Public Works) Service Orders 3. Industrial Work Orders 4. Aviation Work Orders 5. Firing Range Activity.					

**C.5.d Please list any other EPA voluntary programs to which you are reporting these data.**

None

**Progress Towards Other Significant Aspects of your EMS**

In the table below, please provide a narrative summary of progress made toward EMS objectives and targets other than those reported as Environmental Performance Commitments. You may limit the summary to environmental aspects that are significant and towards which progress has been made during the reporting year.

Do you have additional environmental aspects to report? Yes

Environmental Aspect	Progress Made This Year (e.g., quantitative or qualitative improvements, activities conducted)
	1. REDUCE POTABLE WATER CONSUMPTION: Public Works completed a Water Conservation Plan for pride areas to begin implementation in Spring 2006; the plan includes continued efforts to upgrade irrigation systems to reduce water usage. Water conservation and storm water protection outreach plans were included in the Consumer Confidence Report. Other outreach efforts included publishing newspaper articles and resident bulletins to educate residents on water conservation and a memorandum on water conservation in personal use, fire protection services and irrigation. Reclaimed water pipe (purple) has been incorporated into all new whole barracks renewal projects since FY2002, allowing reuse of rainwater for facility non-potable water needs.

Water Use and  
Wastewater  
Reuse

2. ZERO DISCHARGE OF WASTEWATER: Public Works is preparing a plan for evaluating options for wastewater discharge and reuse. 3. CONTRIBUTE NO POLLUTANTS & REMEDIATE CONTAMINATED GROUNDWATER: The East Gate Disposal Yard pump and treat system was reconfigured to improve remedy for Upper Vashon aquifer. The Fort Lewis Environmental Restoration Program (ERP) won the FY05 Secretary of Army Environmental Award for Environmental Restoration for work involving the cleanup of designated sites on Fort Lewis and Yakima Training Center. Innovative technology employed under the ERP is allowing the Water Team to achieve a major target ahead of schedule--establishing a remedy in place for contaminated groundwater contaminated with chlorinated solvents at the Logistics Center. An on-site electrical heating technology is being used to remove contaminants, recover and destroy the solvents and other hydrocarbons; this project has prevented future groundwater contamination and reduced the project clean-up timeline. 4. INTEGRATED PLANNING FOR WATER MANAGEMENT: Fort Lewis continues to be an active participant on all pertinent watershed planning committees. In September 2005, a town hall meeting was conducted for Fort Lewis and surrounding communities to discuss the Murray Creek and Sequelitchew Creek Watershed management plan.

Attachments (if applicable) :

## SECTION D: PUBLIC OUTREACH AND PERFORMANCE REPORTING

### D.1 Please briefly describe the activities that your facility conducted during the year to interact with the community on environmental issues and to report publicly on environmental performance.

Fort Lewis continues to interact with the community on environmental issues through an extensive communications program designed to reach both our internal and external audiences. The two primary methods of communication are media relations and community outreach activities. A secondary, but equally important, method of communication involves conducting special visits, briefings, and tours to inform Federal, State, and other local representatives and partners on our environmental performance. A brief listing of our activities follows:

I. MEDIA: A. Print publications detailing Fort Lewis environmental accomplishments: 1. The Northwest Guardian-the Fort Lewis Newspaper, 2. The Environmental Update-US Army Environmental Center publication, 3. Public Works Digest-Installation Management Agency, 4. Flagship-US Army Corps of Engineers Seattle District publications, 5. The Olympian-local newspaper, 6. The Fort Lewis Ranger-local paper, 7. 2004-2005 Installation Sustainability Program Annual Report; 2005 Annual Report Supplement, 8. News releases and articles announcing the following awards: a. Acceptance into EPA's Environmental Performance Track, b. Title V Air Operating Permit, c. Department of Energy Award for Energy Efficiency and Program Management, d. Department of the Army Award for Energy Efficiency and Program Management, e. Secretary of the Army Award for Environmental Restoration. B. Broadcast stories highlighting our performance and discussing environmental issues: 1. US Army Sustainability video, 2. Northwest Cable News. II. COMMUNITY OUTREACH ACTIVITIES: 1. Alternative Fueling station grand opening, 2. Earth Day Celebration and Sustainable Interiors Showroom grand opening, 3. Alternatives to Demolition (Deconstruction) Workshop, 4. Kids' Fest, 5. Armed Forces Day, 6. Seattle Corps of Engineers Earth Day, 7. City of Lacey Grand Prix and Alternative Fuel Fair, 8. Composting and gardening demonstration projects with Fort Lewis Boy Scout Troop 62, 9. America Recycles Day Fair and pledge card drive, 10. Air program - education campaign to increase alternate fuel usage (CNG, E85, Biodiesel), 11. Town hall meetings for Fort Lewis and surrounding communities to discuss the Murray Creek and Sequelitchew Creek Watershed management plan, 12. Hosted public lecture in conjunction with WA State Archaeology month, on local history learned through an installation archaeology study. III. BRIEFINGS, VISITS AND TOURS: 1. US Senator Maria Cantwell, 2. US Representative Norm Dicks, 3. US Representative Adam Smith, 4. Ms. Kathleen Drew, Washington State Executive Policy Advisor, 5. Mr. Ruckelshaus, founding Environmental Protection Agency Administrator, 6. Mr. Jack Creighton, Civilian Aide to the Secretary of the Army, 7. International delegations.

### D.2 Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check all that apply.

Web Site

URL: <http://www.lewis.army.mil/publicworks> --&-- <http://www.sustainability.army.mil>

**Attachments (if applicable):**

---

OMB No. 2010-0032

## SECTION E: SELF-CERTIFICATION OF CONTINUED PROGRAM PARTICIPATION

The U.S. Environmental Protection Agency is not yet in a position to accept electronic signatures and therefore requests a faxed, signed copy of the Section E page. Please complete Section E online, then print Section E using the link on the Overview page. Section E should be signed by the senior manager of your facility and faxed it to the Performance Track Information Center at (617) 354-0463.

On behalf of Fort Lewis, Public Works, I certify that:

- I have read and agree to the terms and conditions as specified in the National Environmental Performance Track Program Guide. This facility, to the best of my knowledge, continues to meet all program criteria;
- I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environment Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision. I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

**Signature/Date:**

**Name:**

Mr. Steven T. Perrenot, PE

**Title:**

Director of Public Works

**Phone Number:**

253-967-3191

**E-Mail Address:**

steven.t.perrenot@us.army.mil

**Facility Name:**

Fort Lewis, Public Works

**Facility Street Address:**

Headquarters, I Corps & Fort Lewis  
Fort Lewis, WA 98433

**Mailing Address:**

Headquarters United States Army Garrison  
ATTN: IMNW-LEW-PW, MS17, PO BOX 339500  
Fort Lewis, WA 98433-9500

**Performance  
Track ID#:**

A100028